

ABSTRACT

The invention is to provide a method that reconstructs enhanced-resolution images with improved super-resolution algorithms, which is based on an iterative method and employs our suggested initial interpolation, robust image registration, automatic image selection, and further image enhancement post-processing. According to the method of the invention, the reconstruction of enhanced-resolution image can be quickly achieved not only by low-resolution image sequences associated with a moving object but also by low-resolution image sequences associated with a stationary scene.